

Title (en)

Sulfonylaminocarbonyltriazolinones with oxygen-bound substituents

Title (de)

Sulfonylaminocarbonyltriazolinone mit über Sauerstoff gebundenen Substituenten

Title (fr)

Sulfonylaminocarbonyltriazolinones avec des substituants liés par l'oxygène

Publication

**EP 0507171 B1 19971001 (DE)**

Application

**EP 92104971 A 19920323**

Priority

DE 4110795 A 19910404

Abstract (en)

[origin: EP0507171A1] The invention relates to novel sulphonylaminocarbonyltriazolinones having substituents bonded by oxygen, and to the salts thereof, to a plurality of processes and novel intermediates for their preparation, and to their use as herbicides. The active substances have the formula (I) <IMAGE> in which R<1> represents hydrogen, amino or an optionally substituted radical from the series comprising alkyl, alkenyl, alkynyl, cycloalkyl, aralkyl, aryl, alkylamino, cycloalkylamino and dialkylamino, R<2> represents an optionally substituted radical from the series comprising alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, aralkyl and aryl, and R<3> represents an optionally substituted radical from the series comprising alkyl, aralkyl, aryl and heteroaryl, with the exception of 2-(2-methoxycarbonyl-phenylsulphonylaminocarbonyl)-4-methyl-5-methoxy-2,4-dihydro-3H-1,2,4-triazol-3-one.

IPC 1-7

**C07D 249/12; C07D 403/12; C07D 409/12; C07D 401/12; C07D 401/14; C07D 417/12; C07D 413/12; A01N 47/38**

IPC 8 full level

**C07C 245/00** (2006.01); **A01N 43/653** (2006.01); **A01N 47/38** (2006.01); **C07D 249/12** (2006.01); **C07D 401/12** (2006.01);  
**C07D 401/14** (2006.01); **C07D 403/12** (2006.01); **C07D 405/12** (2006.01); **C07D 409/12** (2006.01); **C07D 413/12** (2006.01);  
**C07D 417/12** (2006.01)

CPC (source: EP KR)

**A01N 47/38** (2013.01 - EP); **C07C 245/00** (2013.01 - KR); **C07D 249/12** (2013.01 - EP); **C07D 403/12** (2013.01 - EP);  
**C07D 405/12** (2013.01 - EP); **C07D 409/12** (2013.01 - EP)

Citation (examination)

Archiv der Pharmazie, Bd.307, 1974, Nr.11

Cited by

EP0703225A1; EP0708095A1; EP0703224A1; EP0703226A1; US6376424B1; US5633287A; US5972844A; CN100438763C; US5491172A;  
EP2371823A1; CZ297196B6; US5594148A; US6001776A; US6121204A; CN1090624C; EP0931456A1; AU719657B2; US6162762A;  
EP1290944A3; EP1290945A3; EP1290946A3; US8198214B2; WO2014202505A1; WO2014202510A1; US7855166B2; US5606070A;  
US5703260A; US5599945A; US5710303A; US5892054A; WO9635680A1; WO2006012983A1; WO2011120926A1; DE102008037620A1;  
DE102008060967A1; US6649565B1; WO2007033759A1; WO9961429A1; WO9703980A1; WO9622982A1; WO9716449A1; WO2022117516A1;  
EP2052606A1; WO9703981A1; WO9627590A1; WO2004080182A2; US6180567B1; US6441195B1; WO2018077923A1; WO0115533A1;  
WO9812923A1

Designated contracting state (EPC)

BE CH DE DK ES FR GB IT LI NL

DOCDB simple family (publication)

**EP 0507171 A1 19921007; EP 0507171 B1 19971001**; AU 1218992 A 19921008; AU 658862 B2 19950504; BR 9201207 A 19921201;  
CA 2064636 A1 19921005; CA 2064636 C 19971223; CA 2189593 A1 19921005; CA 2189593 C 20031209; CA 2398159 A1 19921005;  
CA 2398159 C 20060530; CL 2004001114 A1 20050429; DE 4110795 A1 19921008; DE 59208934 D1 19971106; DK 0507171 T3 19980518;  
ES 2108056 T3 19971216; HU 217350 B 20000128; HU 9201114 D0 19920629; HU T61532 A 19930128; JP 3262368 B2 20020304;  
JP H05194433 A 19930803; KR 100212940 B1 19990802; KR 100243541 B1 20000315; KR 920019764 A 19921119; MX 189199 B 19980624;  
MX 228149 B 20050531; MX 9201434 A 19921001

DOCDB simple family (application)

**EP 92104971 A 19920323**; AU 1218992 A 19920310; BR 9201207 A 19920403; CA 2064636 A 19920401; CA 2189593 A 19920401;  
CA 2398159 A 19920401; CL 2004001114 A 20040518; DE 4110795 A 19910404; DE 59208934 T 19920323; DK 92104971 T 19920323;  
ES 92104971 T 19920323; HU 9201114 A 19920402; JP 10250992 A 19920330; KR 19990002314 A 19990125; KR 920005225 A 19920330;  
MX 9201434 A 19920330; MX 9803638 A 19920330